



### Apple IIGS

#### **#58: Keyboard Modifiers Register Anomaly**

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This Technical Note discusses an anomaly with the keyboard modifiers register at location \$C025 which prevents it from always properly reflecting the state of the Control and Shift keys.

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There are two cases where pressing the Control key turns on the Shift bit instead of the Control bit in the keyboard modifiers register:

- An arrow key (or a Control key equivalent to an arrow key) is being held down and is repeating
- The Space bar or Delete key is being held down and repeating with the Fast Space/Delete option selected in the Control Panel

Since the Event Manager reads the modifiers byte, desktop applications may be affected by this anomaly.

#### **Further Reference**

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- *Apple IIGS Hardware Reference*